Contents of Volume 40 · 1998

Abetz V → Breiner U
Adams J → Chung M-A
Ahmad Z → Asif KM
Ahn K-D → Lee S-Y
Al-Salah HA: Polymer compatibility enhancement via ion-ion and ion-dipole interactions: Ternary blends of polyurethane, poly(vinyl chloride) and poly(styrene-*co*-maleic anhydride) 477
Amash A, Zugenmaier P: Study on cellulose and xylan filled polypropylene composites 251
Arısan F → Çatalgil-Giz H
Asif KM, Sarwar MI, Rafiq S, Ahmad Z: Properties of PVC-titania hybrid materials prepared by the sol-gel process 583
Azuma A → Naka K

Ba X → Cui L
Bauer S, Strobl GR: Capillary waves on a poly(vinylacetate) surface studied by off-specular diffuse X-ray scattering 291
Baumhardt-Neto R, Galland GB, Mauler RS, Quijada R: Optimization of olefin copolymerization: effects of reaction parameters on catalytic activity and properties 103
Bischoff A, Klüppel M, Schuster RH: Mechanical behavior at low strain of microgel containing elastomers 283
Bittencourt F° AMB, Lachter ER, Tabak D, Costa VG: Aggregation stability of natural rubber latex with low dry rubber content (DRC) in acidic medium 111
Bogdanić G → Panagou E
Bois A → Jegat C
Bonnans-Plaisance C, Corvazier L, Zhao Y: Functional polythiiranes. 8. Influence of the terminal group on the thermotropic behaviour of side chain liquid crystalline polythiiranes and identification of a crystalline phase 569
Bonnetot B → Razafindrakoto V
Borkenstein K → Weis C
Bormioli C → Dias ML
Braun D, Schmitt MW: Functionalization of poly(propylene) by isocyanate groups 189
Breiner U, Krappe U, Jakob T, Abetz V, Stadler R: Spheres on spheres – a novel spherical multiphase morphology in polystyrene-block-polybutadiene-block-poly(methylmethacrylate) triblock copolymers 219
Bronstein LM, Kabachii YA, Seregina MV, Platonova OA, Chernyshov DM, Valetsky PM: The catalytic behavior of Pt- and Rh-containing polymers derived from polystyrene-polybutadiene block copolymers in hydrosilylation 173
Butler CA → Kim K

Çaldıran Y → Öztop HN
Calos NJ → Lynch DE
Camps M → Jegat C
Cano FB, Visconte LLY: UV-polymerization of 2-ethylhexyl acrylate in interpenetrating polymer networks – some mechanical properties 83
Cardoso RS, Simões ALC, Diez Filho MA, Mendes LC: HDPE/ROSIN blends: I – Morphology, mechanical and rheological properties 779
Cardoso RS, Simões ALC, Mendes LC, Teixeira SCS, Ferreira AA: HDPE/ROSIN blends: II – Morphology, thermal and dynamic-mechanical behavior 787
Carrot G, Schmitt B, Lutz P: Synthesis and characterization of amphiphilic networks obtained by copolymerization of poly(ethylene oxide) macromonomers with methylmethacrylate 181
Çatalgil-Giz H, Arısan F, Kuntman A, Öncül-Koç A, Giz A: Dielectric studies on allyl methacrylate-methyl methacrylate copolymers in a slightly polar medium 563
Cerda G → Tagle LH
Chae KH, Song HB: Crosslinking reaction of glycidyl methacrylate copolymers containing oxime-urethane groups using photogenerated pendant amines 667
Chaves EG, de Oliveira CA, Nunes RCR, Visconte LLY: PP-EPDM-NBR blends – The influence of added phenolic resin on processing and mechanical properties 89
Chelaru C, Diaconu I, Simionescu CI: Polyacrylamide obtained by plasma-induced polymerization for a possible application in enhanced oil recovery 757
Cheong C-M → Lee S-Y
Chernyshov DM → Bronstein LM
Choi K-Y → Lee S-G
Chuio Y → Oyama T
Chujo Y → Naka K
Chujo Y → Oyama T
Chung M-A, Adams J, Fuhrmann J: Analysis of the microemulsion-polymerization of acrylamide by time resolved fluorescence 195
Cisneros MR → Kim K
Coessens V, Nakagawa Y, Matyjaszewski K: Synthesis of azido end-functionalized polyacrylates via atom transfer radical polymerization 135

Corvazier L → Bonnans-Plaisance C
Costa MAS → Coutinho FMB
Costa VG → Bittencourt F[a] AMB
Coutinho FMB → Dias ML
Coutinho FMB, Iwamoto RK, Costa MAS, de Santa Maria LC: Polymerization of ethylene by chromium acetylacetonate/methylaluminoxane catalyst system 695
Coutinho FMB, Monteiro LF, Costa MAS, de Santa Maria LC, Menezes SMC: Copolymerization of styrene and methyl methacrylate with nickel acetylacetonate/methylaluminoxane catalyst system 423
Crossetti GL → Dias ML
Cui L, Ba X, Teng H, Ying L, Li K, Jin Y: Preliminary investigations on polymerization catalysts composed of lanthanocene and methylaluminoxane 729
Cunha FR → Martins JCA

de Oliveira CA → Chaves EG
de Santa Maria LC → Coutinho FMB
de Santa Maria LC → Dias ML
de Souza RF → Silva SM
DeFrancesco JV → Kim K
Delolme F → Miola C
Demonceau A → Lecomte P
Dessalces G → Miola C
Diaconu I → Chelaru C
Dias ML, Crossetti GL, Bormioli C, Giarusso A, de Santa Maria LC, Coutinho FMB, Porri L: Isospecific polymerization of styrene with supported nickel acetylacetonate/methylaluminoxane catalysts 689
Díaz FR → Gatica N
Diaz FR → Tagle LH
Diez Filho MA → Cardoso RS
Dijkstra DJ, Pras E, Pennings AJ: Temperature-dependent fracture mechanisms in gel-spun hot-drawn ultra-high molecular weight polyethylene fibres 305
Dubois P → Lecomte P
Dumas P → Hurtrez G
Dumas P → Lambert O
Dumy P → Scheibler L
Dupont J → Silva SM
Duschl C → Scheibler L
Dworak A, Panchev I, Trzebicka B, Wałach W: Poly(α-*t*-butoxy-ω-styrylo-glycidol): a new reactive surfactant 461

Fan Q → Song R
Farona MF → Jordan GK
Fei H → Li H
Ferreira AA → Cardoso RS
Fischer UK → Moszner N
Friedrich C → Weis C
Fu S → Ming W
Fuhrmann J → Chung M-A

Galland GB → Baumhardt-Neto R
Gandini A → Goussé C
Gao J → Song R
Gargallo L → Gatica N
Gargallo L → Urzúa M
Gatica N, Díaz FR, Gargallo L, Radić D: Vinyltrimethylsilane-co-N-vinyl-2-pyrrolidone and vinyltrimethoxysilane-co-N-vinyl-2-pyrrolidone copolymers. Synthesis and reactivity ratios 707
Geissler U → Lynch DE
Giarusso A → Dias ML
Giz A → Çatalgil-Giz H
Gomes AS → Martins JCA
Goussé C, Gandini A: Synthesis of 2-furfurylmaleimide and preliminary study of its Diels-Alder polycondensation 389
Gronski W → Weis C
Guérin P → Mabille C
Guerrero J → Terraza CA
Guiver MD → Yoshikawa M
Güven O → Öztop HN

Hallensleben ML, Hooren M van, Peters M: Alternating copolymers based on 1-methylpyrrole and thiophene – synthesis and electrochemical studies 167
Hamaide T → Miola C
Hamed GR → Jiang A
Heckmann W → Weber M
Hémery P → Mabille C
Hibi S → Sugimoto H
Hill CM, Koenig JL: Solid state carbon-13 NMR studies of silica-filled, TBBS-accelerated, sulfur vulcanized, *cis*-1,4-polyisoprene 275
Hirao A → Tsuda K
Hollfelder T → Pönitsch M
Honerkamp J → Weis C
Hooren M van → Hallensleben ML
Horst R, Wolf BA: Phase diagrams calculated for flowing polymer solutions: spinodal and three phase conditions 353
Hou K → Xu J
Hui X, Xizhang H: A novel way to prepare anion exchangers based on crosslinked polystyrene 47
Hurtrez G, Dumas P, Riess G: Polystyrene – poly(ethylene oxide) diblock copolymers micelles in water 203
Hurtrez G → Lambert O

Ikeda R, Sugihara J, Uyama H, Kobayashi S: Synthesis of poly(phenylene oxide) – aromatic polyester multiblock copolymers 367
Ishida S-i → Yamagishi T-A
Ishii F → Tsuda K
Ishizone T → Tsuda K

Iwamoto RK → Coutinho FMB
Izumi J-i → Yoshikawa M

Jacob L → Jegat C
Jacob S, Majoros I, Kennedy JP: New polyisobutylene stars. XI. Synthesis and characterization of allyl-telechelic octa-arm polyisobutylene stars 127
Jakob T → Breiner U
Jegat C, Jacob L, Camps M, Bois A: The viscosity influence study on poly(styrene-*Co*-divinylbenzene) beads diameter in suspension polymerization 75
Jérôme R → Lecomte P
Jhon MS → Lee KK
Jiang A, Hamed GR: Photo-induced crosslinking of ethylene propylene diene monomer (EPDM) by buckminsterfullerene 499
Jin Y → Cui L
Jo WH → Park JS
Jones FN → Ming W
Jordan GK, Farona MF: Photolytic generation of an *o*-quinodimethane derivative and its reactions with unsaturated polymers 9
Jung JC → Lee KH
Jung JC → Lee KK

Kabachii YA → Bronstein LM
Kakuchi T, Matsunami S: Crowned polyacetylene. 4. Solid state NMR studies on molecular motions and *cis-trans* isomerization of poly(4′-ethynylbenzo-15-crown-5) 533
Kakuchi T → Nakato T
Kakuchi T → Tsuda K
Kang T-J → Lee S-G
Karadağ E → Öztop HN
Kausch H-H → Zweifel Y
Kawakami Y → Komuro K
Kennedy JP → Jacob S
Keskinel M, Okay O: Effects of cyclization and electrostatic interactions on the termination rate of macroradicals in free-radical crosslinking copolymerization 491
Kharas GB → Kim K
Kim BK → Tharanikkarasu K
Kim HC → Park JS
Kim I, Kim YJ: Copolymerization of propene and 1-hexene with isospecific and syndiospecific metallocene catalysts 415
Kim J-M → Lee S-Y
Kim K, Butler CA, Cisneros MR, Ryan SL, Schwartz MA, Lindquist NA, Kharas GB, DeFrancesco JV: Synthesis and copolymerization of halogen phenyl-substituted methyl 2-cyano-3-phenyl-2-propenoates with styrene 361
Kim YJ → Kim I
Kinaev NN → Lynch DE
Kitao T → Yoshikawa M
Kizilyar N, Toppare L, Önen A, Yağci Y: Conducting copolymers of polypyrrole/polytetrahydrofuran 639
Klüppel M → Bischoff A
Kobayashi S → Ikeda R
Koenig JL → Hill CM
Kokubo T → Yamamoto S
Komuro K, Toyokawa S, Kawakami Y: Synthesis and polymerization of 1-trimethylsiloxy- or 1-triphenylsiloxysilacyclobutanes 715
Krappe U → Breiner U
Kressler J → Maier R-D
Kressler J → Thomann R
Krupers MJ, Sheiko SS, Möller M: Micellar morphology of a semifluorinated diblock copolymer 211
Kuntman A → Çatalgil-Giz H
Kusuno A → Nakato T

Lachter ER → Bittencourt F[a] AMB
Lambert O, Reutenauer S, Hurtrez G, Riess G, Dumas P: Synthesis of amphiphilic triarm star block copolymers 143
Lanzendörfer MG → Puskas JE
Lecomte P, Mecerreyes D, Dubois P, Demonceau A, Noels AF, Jérôme R: Synthesis of poly(norbornene-g-—caprolactone) copolymers by sequential controlled ring opening polymerization 631
Lee D-C → Shin S-M
Lee H → Lee S-Y
Lee J-Y: Synthesis of highly crosslinked thermally stable poly(vinylethers) by free radical polymerization 659
Lee JH → Lee S-G
Lee KH, Jung JC: Synthesis and characterization of polyimides from 1,4-bis[4-(*n*-alkyloxy)phenyloxy]pyromellitic dianhydrides and 4,4′-oxydianiline 407
Lee KK, Jung JC, Jhon MS: The synthesis and thermal phase transition behavior of poly (N-isopropylacrylamide)-b-poly (ethylene oxide) 455
Lee M-C → Wang C-S
Lee S-G, Kang T-J: Preparation and crystallization behavior of UHMWPE/LLDPE composites 95
Lee S-G, Lee JH, Choi K-Y, Rhee JM: Glass transition behavior of polypropylene/polystyrene/styrene-ethylene-propylene block copolymer blends 765
Lee S-Y, Lee H, Cheong C-M, Kim J-M, Ahn K-D: Photo-induced orientation and micropattern imaging of maleimide copolymers containing azobenzene side groups 1
Leukel J → Weis C
Li H, Zhang L, Zhang X, Shen J, Yang Y, Fei H: A new kind of azo polymeric LB film for reversible optical storage 735

Li K → Cui L
Li L → Xu J
Lin X → Song R
Lindquist NA → Kim K
Liu H-q, Zhang L, Takaragi A, Miyamoto T: Phase transition of 2,3-O-methylcellulose 741
Londergan TM, Weber WP: Preparation and properties of hyperbranched poly[1-β-(4′-acetylphenyl)vinyl-3-vinyl-1,1,3,3-tetramethyldisiloxane] 15
Lutz P → Carrot G
Lynch DE, Geissler U, Calos NJ, Wood B, Kinaev NN: Towards processible poly(pyrrol-2-ylsquaraines) 373

Mabille C, Masure M, Hémery P, Guérin P: Obvious complexity of the anionic polymerization of malolactonic acid esters 381
Maier D → Weis C
Maier R-D, Suhm J, Kressler J, Mülhaupt R: Solubility parameters of ethene/1-octene random copolymers 337
Majoros I → Jacob S
Martins JCA, Cunha FR, Gomes AS: Thermotropic polyesters with alkylene spacers in the main chain prepared in diphenyl ether 43
Masure M → Mabille C
Matsunami S → Kakuchi T
Maturana HA → Rivas BL
Matyjaszewski K → Coessens V
Mauler RS → Baumhardt-Neto R
Mecerreyes D → Lecomte P
Medjitov DR, Shode LG, Tseitlin GM: Composition of condensation products of bisphenol-A and epichlorohydrin 509
Mendes LC → Cardoso RS
Menezes SMC → Coutinho FMB
Merzlyakov M → Schick C
Ming W, Jones FN, Fu S: Synthesis of nanosize poly(methyl methacrylate) microlatexes with high polymer content by a modified microemulsion polymerization 749
Miola C, Delolme F, Zanella-Cléon I, Dessalces G, Hamaide T: Use of mass spectrometry for the analysis of molecular weight distribution and macrocycles in functionalized oligo-ε-caprolactones synthesized by heterogeneous AROP in protic conditions 541
Mirčeva A, Oman N, Žigon M: Side-chain liquid crystalline polyurethanes on the basis of biphenyl mesogenic units 469
Miyajima M → Tsuda K
Miyamoto T → Liu H-q
Miyamoto T → Yamamoto S
Mizukoshi N, Norisuye T: Small-angle X-ray scattering from sodium hyaluronate in aqueous sodium chloride 555
Möller M → Krupers MJ
Mongeot H → Razafindrakoto V
Monteiro LF → Coutinho FMB
Moszner N, Zeuner F, Fischer UK, Rheinberger V: Polymerization of cyclic monomers. 6. Synthesis and radical polymerization of asymmetric disubstituted 2-vinylcyclopropanes 447
Mours M, Winter HH: Relaxation patterns of endlinking polydimethylsiloxane near the gel point 267
Moya SA → Terraza CA
Mülhaupt R → Maier R-D
Mülhaupt R → Thomann R
Muszyński J → Wolińska-Grabczyk A
Mutter M → Scheibler L

Naka K, Azuma A, Chujo Y: Synthesis of polymer having β,β-triketone unit in the main chain and its copper (II) complex 701
Nakagawa Y → Coessens V
Nakamoto Y → Yamagishi T-A
Nakamura T → Yamamoto S
Nakanishi E → Sugimoto H
Nakato T, Tomida M, Kusuno A, Shibata M, Kakuchi T: Synthesis of poly(succinimide-amide) by acid-catalyzed polycondensation of l-aspartic acid and aromatic aminocarboxylic acid 647
Noels AF → Lecomte P
Norisuye T → Mizukoshi N
Nunes RCR → Chaves EG

Okay O → Keskinel M
Oman N → Mirčeva A
Öncül-Koç A → Çatalgil-Giz H
Önen A → Kizilyar N
Ooi T → Yoshikawa M
Opazo A → Urzúa M
Oyama T, Ozaki J, Chuio Y: Novel aprotic polar polymers. 3. Synthesis and properties of poly(phenyl vinyl sulfoxide) 615
Oyama T, Ozaki J, Chujo Y: Novel aprotic polar polymers. 2. Miscibility of aliphatic polysulfoxides 503
Oyarzo M → Tagle LH
Ozaki J → Oyama T
Ozawa M → Yamagishi T-A
Öztop HN, Saraydın D, Karadağ E, Çaldıran Y, Güven O: Influence of some aromatic amino acids on the swelling behavior of acrylamide/maleic acid hydrogel 575

Panagou E, Vidal J, Bogdanić G: A segmental interaction model for liquid-liquid equilibria correlation and prediction. Application to the poly(vinyl alcohol)/water system 117
Panchev I → Dworak A

Park JS, Kim HC, Jo WH: Effect of the molecular structure of graft copolymer on the interfacial behavior between two immiscible homopolymers: A Monte Carlo simulation 607
Pattern WE → Puskas JE
Pautet C → Razafindrakoto V
Peñafiel G → Tagle LH
Peng YX → Shi WM
Pennings AJ → Dijkstra DJ
Pereira E → Rivas BL
Peters M → Hallensleben ML
Pickering JP, Vancso GJ: Apparent contrast reversal in tapping mode atomic force microscope images on films of polystyrene-*b*-polyisoprene-*b*-polystyrene 549
Platonova OA → Bronstein LM
Plummer CJG → Zweifel Y
Pönitsch M, Hollfelder T, Springer J: Rheooptical investigations of shear-induced aggregation of polymers in dilute solutions 345
Porri L → Dias ML
Pras E → Dijkstra DJ
Puskas JE, Lanzendörfer MG, Pattern WE: Mid-IR real-time monitoring of the carbocationic polymerization of isobutylene and styrene 55

Quijada R → Baumhardt-Neto R
Quijada R → Terraza CA

Rabagliati FM → Terraza CA
Radić D → Gatica N
Radic D → Urzúa M
Rafiq S → Asif KM
Razafindrakoto V, Bonnetot B, Pautet C, Mongeot H: Study of adducts of tertiary amines with halo or isothiocyanato boranes as latent catalysts of epoxide-amine compositions 439
Reutenauer S → Lambert O
Rhee JM → Lee S-G
Rheinberger V → Moszner N
Riess G → Hurtrez G
Riess G → Lambert O
Rivas BL, Maturana HA, Villegas S, Pereira E: Highly Pb(II)-selective resin based on crosslinked poly(acrylamido glycolic acid) copolymer 721
Rivas BL, Seguel GV: Polychelates of poly(acrylic acid-*co*-acrylamide) with Cu(II), Co(II), and Ni(II). Synthesis and properties 431
Robertson GP → Yoshikawa M
Ruckenstein E → Yuan Y
Ryan SL → Kim K

Saraydın D → Öztop HN
Sarwar MI → Asif KM
Scheibler L, Dumy P, Stamou D, Duschl C, Vogel H, Mutter M: Self-assembling functionalized templates in biosensor technology 151
Schick C, Merzlyakov M, Wunderlich B: Analysis of the reorganization of poly(ethylene terephthalate) in the melting range by temperature-modulated calorimetry 297
Schmidt H-W → Schulze U
Schmitt B → Carrot G
Schmitt MW → Braun D
Schneider HA: Considerations concerning the glass temperature of blends of miscible polymers 321
Schulze U, Schmidt H-W: Synthesis and characterization of ABA-triblock copolymers with poly(ethylene glycol) segments and LC-segments 159
Schuster RH → Bischoff A
Schwartz MA → Kim K
Seguel GV → Rivas BL
Seregina MV → Bronstein LM
Sernetz FG → Thomann R
Sheiko SS → Krupers MJ
Shen J → Li H
Shi WM, Peng YX: $(CH_3)_3SiBr/AlCl_3$ induced cationic polymerization of 1,3-pentadiene 21
Shibata M → Nakato T
Shin D-K → Shin S-M
Shin S-M, Shin D-K, Lee D-C: Study of rubber-modified epoxy resin using thermally stimulated current 599
Shode LG → Medjitov DR
Silva SM, Suarez PAZ, de Souza RF, Dupont J: Selective linear dimerization of 1,3-butadiene by palladium compounds immobilized into 1-*n*-butyl-3-methyl imidazolium ionic liquids 401
Simha R, Xie H: Applying lattice-hole theory to gas solubility in polymers 329
Simionescu CI → Chelaru C
Simões ALC → Cardoso RS
Śmigasiewicz S → Wolińska-Grabczyk A
Song HB → Chae KH
Song R, Lin X, Gao J, Fan Q: The relaxation behavior of amorphous PET in global chain orientation but nearly random segmental orientation (GOLR) state 773
Song R → Xu J
Springer J → Pönitsch M
Stadler R → Breiner U
Stamou D → Scheibler L
Strobl GR → Bauer S
Suarez PAZ → Silva SM
Sugihara J → Ikeda R
Sugimoto H, Nakanishi E, Susaki K, Hibi S: Complexation of cobalt ion with copolypeptide containing tryptophan treated with nitric acid 683

Suhm J → Maier R-D
Susaki K → Sugimoto H

Tabak D → Bittencourt F[a] AMB
Tagle LH, Diaz FR, Cerda G, Oyarzo M, Peñafiel G: Polymerization by phase transfer catalysis. 23. Synthesis of poly(amide-ester)s derived from diphenols with the amide group in the side chain 35
Takaragi A → Liu H-q
Teixeira SCS → Cardoso RS
Teng H → Cui L
Terraza CA, Guerrero J, Moya SA, Rabagliati FM, Quijada R: Some studies on styrene polymerization using new systems prepared from coordination metal compounds. $ReBr(CO)_3$(3,3′-dimethyl-2,2′-biquinoline)-diphenylzinc with and without MAO systems 27
Tharanikkarasu K, Kim BK: Multi-block copolymer dispersions through polyurethane macroiniferters 675
Thomann R, Thomann Y, Sernetz FG, Mülhaupt R, Kressler J: Vapor induced crystallization of syndiotactic random copolymers of styrene with *p-n*-butylstyrene 313
Thomann Y → Thomann R
Tomida M → Nakato T
Toppare L → Kizilyar N
Toyokawa S → Komuro K
Trzebicka B → Dworak A
Tseitlin GM → Medjitov DR
Tsuda K, Tsutsumi Ki, Yaegashi M, Miyajima M, Ishizone T, Hirao A, Ishii F, Kakuchi T: Radical polymerization of (phenylethynyl)styrenes and characterization of poly(phenylethynyl)styrenes as a thermally curable material 651
Tsutsumi Ki → Tsuda K

Urzúa M, Opazo A, Gargallo L, Radic D: Poly(*N*-1-alkylitaconamic acids)/poly(*N*-vinyl-2-pyrrolidone) blends 63
Uyama H → Ikeda R

Valetsky PM → Bronstein LM
Vancso GJ → Pickering JP
Vidal J → Panagou E
Villegas S → Rivas BL
Visconte LLY → Cano FB
Visconte LLY → Chaves EG
Vogel H → Scheibler L

Wałach W → Dworak A
Wang C-S, Lee M-C: Multifunctional naphthalene containing epoxy resins and their modification by hydrosilation for electronic application 623
Weber M, Heckmann W: Compatibilization of polysulfone/polyamide-blends by reactive polysulfones – evidence for copolymer formation 227
Weber WP → Londergan TM
Weis C, Leukel J, Borkenstein K, Maier D, Gronski W, Friedrich C, Honerkamp J: Morphological and rheological detection of the phase inversion of PMMA/PS polymer blends 235
Winter HH → Mours M
Wolf BA → Horst R
Wolińska-Grabczyk A, Śmigasiewicz S, Muszyński J: An improvement of the McBain's microbalance to study transport of solvent vapours into polymeric films 591
Wood B → Lynch DE
Wunderlich B → Schick C

Xie H → Simha R
Xizhang H → Hui X
Xu J, Hou K, Song R, Li L, Yu Y: Stereoregular polymerization of glycidyl phenyl ether catalyzed by dibutyltin oxide-tributyl phosphate condensates 395

Yaegashi M → Tsuda K
Yağci Y → Kizilyar N
Yamagishi T-A, Ozawa M, Nakamoto Y, Ishida S-i: Phase separation of phenolic resins. 2[a] The fractionation of phenol-formaldehyde resin based on molecular weight and structure 69
Yamamoto S, Miyamoto T, Kokubo T, Nakamura T: Preparation of polymer-silicate hybrid materials bearing silanol groups and the apatite formation on/in the hybrid materials 243
Yang Y → Li H
Yilgor E → Yilgor I
Yilgor I, Yilgor E: Thermal stabilities of end groups in hydroxyalkyl terminated polydimethylsiloxane oligomers 525
Ying L → Cui L
Yoshikawa M, Izumi J-i, Ooi T, Kitao T, Guiver MD, Robertson GP: Carboxylated polysulfone membranes having a chiral recognition site induced by an alternative molecular imprinting technique (Polymer Bulletin 40, 517) 795
Yoshikawa M, Izumi J-i, Ooi T, Kitao T, Guiver MD, Robertson GP: Carboxylated polysulfone membranes having a chiral recognition site induced by an alternative molecular imprinting technique 517
Yu Y → Xu J
Yuan Y, Ruckenstein E: Polyurethane-toughened polylactide 485
Zanella-Cléon I → Miola C
Zeuner F → Moszner N

Zhang L → Li H
Zhang L → Liu H-q
Zhang X → Li H
Zhao Y → Bonnans-Plaisance C
Žigon M → Mirčeva A
Zugenmaier P → Amash A

Zweifel Y, Plummer CJG, Kausch H-H: Current transport in conducting particle filled epoxies 259

Indexed in *Current Genetics*

Subject Index

AAm/BAAm 491
AAm/MA 575
ABA-triblock 159
ABC-triblock 143, 219
1-β-(4′-Acetylphenyl)vinyl-3-vinyl-1,1,3,3-tetramethyldisiloxane 15
Acid formation, photoinduced 667
Acrylamide/maleic acid hydrogel 575
Acrylamide, microemulsion-polymerization 195
–/N,N′-methylenebisacrylamide 491
Acrylates, controlled polymerization 135
Acrylonitrile rubber 89
Adsorption/desorption 721
AFM, tapping mode 549
Aggregation, shear-induced 345
AIBN 447
1-Alkoxycarbonyl-2-vinylcyclopropane-1-carboxylic acid 447
Alkyl vinyl ethers 659
Alkylaluminum 695
Allyl methacrylate-methyl methacrylate 563
2-Allylphenol 623
Allyltrimethylsilane 127
Aluminoxane 27
Amines, tertiary 439
Amino acids 517
– –, aromatic 575
4-Aminobenzoic acid 647
Aminocarboxylic acid, aromatic 647
4-Aminocinnamic acid 647
4-Aminophenylacetic acid 647
Anion exchangers 47
Anionomers 675
Anthracene 203
Apatite 243
Aprotic polar polymer 503
AROP, heterogeneous 541
Aspartic acid 647
ATBN 599
Atom transfer radical polymerization 135
Atomic force microscopy 549
ATR 55
Attenuated total reflection (ATR) 55
Azo polymeric LB film 735
Azobenzene, *cis-trans* isomerization 1

BAU 667
Benzene/cyclohexane vapours 591
Benzocyclobutene 9
Benzophenone oxime allylurethane 667
Benzyl malolactonates 381
Bifacial topological template 151
Biosensor technology 151
Birefringence 1
–, reversible optical 735
Bisphenol-A/epichlorohydrin 509
Bissquaraines 373
1,4-Bis[4-(*n*-alkyloxy)phenyloxy]pyromellitic dianhydrides 407
Blends, miscible 321
–, ternary 477
BPA 509
4-Bromoacetophenone 17
Buckminsterfullerene 499
1,3-Butadiene 401
Butadiene 729
Butadiene acrylonitrile, amine-terminated 599
tert-Butyl cumyl peroxide 189
Butyl malolactonates 381
1-*n*-Butyl-3-methyl imidazolium ionic liquids 401
p-*n*-Butylstyrene 313

Calix[8]arene 127
Castor oil 83
Ce(IV) 455
Cellulose 251, 741
Cellulose microfibers 251
Chiral recognition 517
Chloromethyl methyl ether 47
p-Chloromethylstyrene 461
Chromium acetylacetonate/MAO 695
Cluster-cluster aggregation 283
CME 47
CNE 623
Conductivity 259
Copoly(*N*-hydroxyethyl L-glutamine-*co*-L-tryptophan) 683
Copolypeptide, tryptophan 683
Copper (II) complex, binuclear 701
$Cr(acac)_3$ 695

o-Cresol-formaldehyde novolac epoxy (CNE) 623
Critical points 353
Cyclic monomers 447
Cyclohexane vapours 591
Cyclohexanone/triethylsilane 173

DDS 623
trans-Decalin 353
Deformations 773
Degree-of-disorder 599
Dehydrochlorination 583
DHCl 583
2,4-Di-(2′-vinyloxyethoxy)benzylidenemalononitrile 659
Diaminodiphenylmethane 623
Diblock copolymers 219
– –, semifluorinated 211
trans-1,4-Dibromo-2-butene 447
Dibutyltin oxide-tributyl phosphate condensates 395
N-(2,6-Dichloro-4-nitrophenyl)2,2-bis(4-hydroxyphenyl)-propanamide 35
4,4′-Dichloroformyl-α,ω-diphenoxy alkanes 43
Dihydridocarbonyl*tris*(triphenylphosphine)ruthenium 15
4,4′-Dihydroxy-α,ω-diphenoxy alkanes 43
N,N-Dimethylbenzylamine 439
N,N-Dimethyloctylamine 439
Diphenylzinc 27
Disiloxane derivatives, functionalized 715
1,3-Divinyl-1,1,3,3-tetramethyldisiloxane 15
DMBA 439
DMOA 439
DMSO 615
DMTA 251
DRC 111
Droplets, division 75
Dry rubber content 111
DTAB 749

ECH 509
Elastomers 283
–, thermoplastic 89
Electrodialysis 517
Enhanced oil recovery 757
EPDM 89,499
Epichlorohydrin, LB films 735
–/bisphenol-A 509
Epoxide-amine 439
Epoxide-dicyandiamide 439
Epoxies, conducting particle filled 259
Epoxy resin, naphthalene containing 623
–, rubber-modified 599
Erasable optical memory 735
Ester gum 779, 787
Ethene/1-octene, solubility parameters 337
Ethoxy ethyl glycidyl ether/*p*-chloromethylstyrene 461
Ethylene, chromium acetylacetonate/MAO 695
–, 1-hexene 103
Ethylene glycol dimethacrylate 491
Ethylene monomers, trisubstituted 361
Ethylene-propylene-diene 499
– terpolymer 89
Ethylene-propylene ethylidene norbornene terpolymer 499
Ethylenes, trisubstituted 361
2-Ethylhexyl acrylate, UV-polymerization 83
Eulytic point 353

Film, crosslinked 499
Finemann-Ross/Kelen Tüdos linear fitting procedure 707
Fluorine containing polymers 211
Free-radical crosslinking copolymerization 491
2-Furfurylmaleimide 389

Gas solubility 329
Gel point 267
Glass temperature 321
Glycerol ester of hydrogenated rosin 779, 787
Glycidyl methacrylate, oxime-urethane 667
Glycidyl phenyl ether 395
Gold particles, micron-sized 259
GOLR 773
Gordon-Taylor parameters 63, 321
GPE 395
Graft copolymers 607
Guggenheim-Smith equation 563

Haloboranes 439
HDPE/ROSIN 779, 787
Heavy-metal ions 721
Hevea brasiliensis 111
Hexamethylene diacrylate 83
Hexanediamine-epichlorohydrin, LB films 735
1-Hexene 103
–/dimethylchlorosilane 173
Histidine 575
Homogeneity, evaluation 787
Homopolymers, immiscible, interfacial behavior 607
Hydrogels 181, 575
1-Hydroxybenzocyclobutene 9

Iminophosphorane 135
Interpenetrating polymer networks 83
Inversion 235
Ionic polymer systems 477
IPN 83
Isobutylene 55, 127
Isoprene 729
m-Isopropenyl-α,α-dimethylbenzylisocyanate 189
Isothiocyanato boranes 439

Knoevenagel condensation 361
Kratky camera 291

β-Lactones, β-substituted 381
Lanthanocene/MAO 729
Latex solutions 111
Lattice-hole theory 329
LB films 735
LC-segments 159
LCP, thermotropic 43
Leuckart reaction 47
Light-induced dichroism 1
Liquid crystalline block copolymers 159
Liquid-liquid equilibria 117
LLDPE 95
LSIMS 541

Macrocycles 541
Macroiniferters 675
Macroradicals, termination rate 491
MALDI-TOF 541
Maleamic acid 389
Maleic anhydride 389
Maleimide copolymers, azobenzene side group 1
Malolactonic acid esters 381
Malononitrile 659
MAO 27, 415, 423, 689, 695, 729
Markov random fields 235
Mc Bain's microbalance 591
MC family 741
Membranes 517
Metallocene 729
Metallocene catalysts 103
– –, syndiospecific 415
α,ω-Methylacryloyloxy PEO macromonomers 181
Methylaluminoxane 27, 415, 423, 689, 695, 729
2,3-O-Methylcellulose, phase transition 741
N,N'-Methylenebisacrylamide 491
1-Methylpyrrole/thiophene 167
N-Methylpyrrolidinone 407
Methyl-1-[3-{(4-cyanobiphenyl-4′-yl)oxy}propyl]dimethylsiloxysilayclobutane 715
1-Methyl 2-cyano-3-phenyl-2-propenoates, halogen phenyl-substituted 361
Methyl 2,4-di-(2′-vinyloxyethoxy)benzylidenemalononitrile 659
Methyl cyanoacetate 361, 659
Methyl methacrylate 181, 211, 423
–/ethylene glycol dimethacrylate 491
Micellation 203
Microelectronic devices, encapsulating 623
Microemulsion polymerization 195, 749
Microgel 283
Microlatexes 749
Micron-sized gold particles 259
Miscibility 63
MMA 181, 423, 563, 749
–/EGDM 491
Molecular imprinting 517
Monte carlo 607
Multiblock copolymers 367

Naphthalene, epoxy resins 623
Natural rubber latex, aggregation stability 111
NBE 631
NBR 89
Nematic phase, persistence range 43
$Ni(acac)_2$ 423, 689
Nickel acetylacetonate/MAO 423, 689
Nitro compounds, aromatic 683
p-Nitroazobenzene 735
NMP 407
Nonlinearities, optical 1
Norbornene 631
Novolak 69
NR 283

1,3,6-Octatriene 401
1-Octene 337
Oil recovery, enhanced 757
Olefin copolymerization 103
Oligo-ε-caprolactones, functionalized 541
Optical information storage 735
Organometallic polymers 173
Oxime-urethane 667
4,4′-Oxydianiline 407

PAAM 757
Palladium (II) compounds 401
Pb(II)-selective resin 721
PDMS 525
PEEK 297
1,3-Pentadiene 21
PEO 455
– networks 181
Percolation 259
Perfluorooctyl methacrylate 211
PET, amorphous 773
–, temperature-modulated calorimetry 297
PGPE 395
Phase inversion 235
Phase transfer catalysis 35
Phenanthrene 203
Phenol-formaldehyde resin, fractionation 69
Phenolic resins, phase separation 69
1-Phenoxy-2-vinylcyclopropanes 447
Phenylalanine 575
(Phenylethynyl)styrenes 651
Phthalic acid esters 345
PIB 55, 127
PLA 485
Plasma-induced polymerization 757
Plastic waste 647
Platinum 1,3-divinyl-1,1,3,3-tetramethyldisiloxane 715
PMMA 211, 749

PMMA/PS 235
POE 297
Polar polymers, aprotic 615
Poly(acrylamido glycolic acid) 721
Poly(acrylic acid-*co*-acrylamide), polychelates 431
Poly(*N*-1-alkylitaconamic acids)/poly(*N*-vinyl-2-pyrrolidone) 63
Poly(amide-ester)s, diphenols 35
Poly(α-t-butoxy-ω-styrylo-glycidol) 461
Poly(ε-caprolactone) 143, 485
Poly(ethylene glycol) 159
Poly(ethylene oxide) 143, 203, 455
Poly(ethylene oxide) macromers 181
Poly(ethylene terephthalate) 297, 773
Poly(2-ethylhexyl acrylate) 83
Poly(4′-ethynylbenzo-15-crown-5) 533
Poly(*N*-isopropylacrylamide)-b-poly(ethylene oxide) 455
Poly(L-lactide) 143
Poly(methyl methacrylate) 143, 423
–, nanosize 749
Poly(methyl methacrylate) block 219
Poly(2-methyl-2-oxazoline) 503, 615
Poly(norbornene-*g*-ε-caprolactone) 631
Poly(1-octadecylpyrrol-2-ylsquaraine) 373
Poly(oxyethylene), triethoxysilyl-terminated 243
Poly(phenyl vinyl sulfoxide) 615
Poly(phenylene oxide) 367
Poly(phenylethynyl)styrenes 651
Poly(propene) 337
Poly(propylene), isocyanate groups 189
Poly(pyromellitimide)s 407
Poly(pyrrole) 167
Poly(styrene-*co*-divinylbenzene) 75
Poly(styrene-*co*-maleic anhydride) 477
Poly(succinimide-amide) 647
Poly(thiophene) 167
Poly(urethane-urea) 591
Poly(vinyl acetate) 615
Poly(vinyl alcohol)/water 117
Poly(vinyl chloride) 477
Poly(vinylacetate), capillary waves 291
Poly(vinylethers) 659
–, highly crosslinked thermally stable 659
Poly(*N*-vinyl-2-pyrrolidone) 63
Poly(*N*-vinylpyrrolidone) 503, 615
Polyacetylene, crowned 533
Polyacrylamide 757
Polyacrylates 83
–, azido end-functionalized 135
Polyaddition 389
Polyaromatics 167
Polybutadiene 9
– block 219
Polycaprolactones 541
Polychelates 431
Polycondensation, Diels-Alder 389
Polydimethylsiloxane, endlinking 267
– oligomers, hydroxyalkyl terminated 525
Polyelectrolytes 555
Polyester B-block 159
Polyester multiblock, aromatic 367
Polyesters 381
–, thermotropic 43
Polyethylene 305, 695
–, high density 779,787
–, UHMWPE 95
Polyglycidyl 395
Polyimides 407
Polyisobutylene stars, allyl-telechelic octa-arm 127
cis-1,4-Polyisoprene 275
Polylactide 485
Polymer/solvent system 345
Polymer-metal complexes 431
Polymer-silicate hybrid 243
Polymethylmethacrylate 373
Polypropylene 89,251
Polypropylene/polystyrene/styrene-ethylene-propylene block 765
Polypyrrole/polytetrahydrofuran 639
Polysaccharides 555
Polysquaraine 373
Polystyrene 143, 329, 345, 361, 423, 517
–, crosslinked 47
–, *trans*-decalin 353
–, nonstereoregular 27
–, syndiotactic 313
Polystyrene-polybutadiene 173
Polystyrene-*b*-polybutadiene-*b*-poly(methyl methacrylate) 219
Polystyrene-poly(ethylene oxide) 203
Polystyrene-*graft*-polyglycidol 461
Polystyrene-*b*-polyisoprene-*b*-polystyrene 549
Polysulfone membranes, carboxylated 517
Polysulfone/polyamide, compatibilization 227
Polysulfones, reactive 227
Polysulfoxides, aliphatic 503
Polytetrahydrofuran 639
Polythiiranes, functional 569
Polyurethane 83, 477,485
–, biphenyl mesogenic units 469
–, tertaphenylethane-based 675
Polyurethane macroiniferters 673
Polyurethane-polymethacrylic acid 675
Polyvinyl chloride 583
Poly[1-β-(4′-acetylphenyl)vinyl-3-vinyl-1,1,3,3-tetramethyldisiloxane] 15
Potassium acetate/dibenzo-18-crown-6 381
Potassium *t*-butoxide 461
PP 189, 765
PP/cellulose 251
PP/polyamide 6 189
PP/PS 765
PP/xylan 251
PP-EPDM-NBR 89

PPO 367
Pressure-volume-temperature 337
Propene/1-hexene 415
Propenoates/styrene 361
Protein design 151
PS 765
PS-PEO 203
Pt-containing polymers 173
PTHF 639
PU 477
PU/PLA 485
PUU 591
PVC 477,583
PVC-titania hybrid 583
PVP 63
PVT 337
Pyrenetetrasulfonic acid sodium salt 195

o-Quinodimethane derivative, photolytic generation 9

RAFT 151
Random segmental orientation 773
$ReBr(CO)_3$(3,3′dimethyl-2,2′-biquinoline)-diphenylzinc 27
Regioselectivity addressable functionalized templates (RAFT) 151
Relaxation behavior 773
Relaxation map analysis 599
Reversible optical storage 735
Rh-containing polymers 173
Rhenium compounds, monovalent 27
Ring opening metathesis (ROMP) 631
ROMP 631
Rosin, glycerol ester of hydrogenated 779, 787
Rubber latex, natural 111

SBR 283
SCLC 469
Screen factor 757
Semifluorinated diblock copolymers 211
SEPS 765
Shear-induced aggregation 345
Silica, vulcanization 275
Simha-Somcynsky theory 329
SMA 477
Small-angle X-ray scattering 555
Sodium hyaluronate, SAXS 555
Sodium sulfonic-bis(2-ethylhexyl) ester 195
Sol-gel process 583
Solution behavior 345
Solution-diffusion 591
Solutions, flowing 353
Solvent vapours, transport 591
Spheres on spheres 219
SPR 151
Star block copolymers, amphiphilic triarm 143
Stars, polyisobutylene 127
STY-MMA 423
Styrene 55, 423, 729
–, coordination metal compoun 27
–, nickel acetylacetonate/MAO 689
Styrene/*p*-*n*-butylstyrene 313
Styrene/(phenylethynyl)styrenes 651
Styrene/triethylsilane 173
Styrene-ethylene-propylene-styrene 765
Surface active agents 675
Surfmer 461

Tapping mode, AFM 549
TASP 151
TBAF 135
TBBS 275
Temperature-modulated calorimetry 297
Template assembled synthetic protein 151
Templates, self-assembling functionalized 151
Ternary polymer blends 477
Tetrabutylammonium fluoride 135
Tetrabutylammonium fluoroborate 639
Tetraethoxysilane 243
1,1,1,2-Tetrafluoroethane 329
Tetrapropylorthotitanate 583
Thienylpyrrole 167
Thioalkane 151
Titania 583
TMAFM 549
TMC 297
TMDSC 297
TMSX 21
o-Tolualdehyde 9
TPB 477
TPE 89
TPOT 583
Tri-blocks 549
Triarm star block copolymers, amphiphilic 143
Triblock copolymers 219
Tributyl phosphate 395
Triethylaluminum 631
Triethylene glycol bis(*p*-acetylacetophenyl) ether 701
Triethylene glycol bis(*p*-butoxycarbonyl-phenyl) ether 701
Triketone units 701
1-Trimethylsiloxysilacyclobutane 715
Trimethylsilyl bromide 21
Trimethylsilyl halides 21
1-Tripethylsiloxysilacyclobutane 715
Triphenylphosphine 401
Tryptophan 575
TSE monomers 361

UHMWPE, gel-spun hot-drawn 305
UHMWPE/LLDPE 95
UNIQUAC 117

Vapor induced crystallization 313
Vinyl polymerization 455

N-Vinyl-2-pyrrolidone 707
2-Vinylcyclopropanes, asymmetric disubstituted 447
Vinyltrimethoxysilane-*co*-N-vinyl-2-pyrrolidone 707
Vinyltrimethylsilane-*co*-N-vinyl-2-pyrrolidone 707
Viscous shear breakup 75
VTMS 707
Vulcanization 275

WAXS 313

X-ray scattering, off-specular diffuse 291
Xylan 251
– fillers 251

Ziegler-Natta catalysts 415
– –, multi-site 337